Appln. No.: 10/582,456

Amendment Dated January 27, 2011

Reply to Office Action of September 27, 2010

Amendments to the Claims: This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

(Currently Amended) A web-processing roller, comprising a roller body having at least
one hollow space defined therein, wherein the hollow space is at least partially filled with a
mixture consisting of a liquid and at least one insoluble co-ingredient in the liquid or by
another liquid formed by solid particles or by another-liquidwherein the solid particles are
a granular solid and the mixture exhibits a pulpy consistency.

2. (Cancelled)

- (Previously Presented) The web-processing roller according to claim 1, wherein the mixture is under a pressure burden.
- (Previously Presented) The web-processing roller according to claim 1, wherein the mixture is under a partial vacuum.
- (Previously Presented) The web-processing roller according to claim 3, wherein a fluid conduit leads into the hollow space and the mixture can be charged with the pressure burden via the fluid conduit.
- (Previously Presented) The web-processing roller according to claim 1, wherein at least one chamber which is variable in its volume is arranged in the hollow space.
- (Previously Presented) The web-processing roller according to claim 6, wherein the chamber comprises a flexible chamber wall.
- (Previously Presented) The web-processing roller according to claim 6, wherein the chamber is a bubble.
- (Previously Presented) The web-processing roller according to claim 6, wherein the chamber comprises a moving chamber wall.

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- 10.(Previously Presented) The web-processing roller according to claim 9, wherein the chamber wall is mounted, such that it can move, by another chamber wall.
- 11. (Previously Presented) The web-processing roller according to claim 6, wherein the chamber is formed by elastic bellows.
- 12. (Previously Presented) The web-processing roller according to claim 1, wherein a rotational axis of the roller extends through the mixture in the hollow space.
- 13. (Previously Presented) The web-processing roller according to claim 1, wherein the hollow space is rotationally symmetrical with respect to a rotational axis of the roller or is one hollow space of a number of hollow spaces which together form a rotationally symmetrical arrangement of hollow spaces with respect to the rotational axis.
- 14. (Previously Presented) The web-processing roller according to claim 1, wherein the roller comprises a roller shell which forms a container wall for the mixture.
- 15. (Previously Presented) The web-processing roller according to claim 1, wherein the roller includes a roller shell and a cylindrical body surrounded by the roller shell, and wherein the mixture is arranged between the roller shell and the cylindrical body.
- 16. (Previously Presented) The web-processing roller according to claim 1, wherein the roller includes a roller shell and a cylindrical body surrounded by the roller shell, and wherein the mixture is arranged within the cylindrical body.
- 17. (Previously Presented) The web-processing roller according to claim 15, wherein the cylindrical body forms a container wall for the mixture.
- 18. (Previously Presented) The web-processing roller according to claim 1, wherein the roller comprises a roller shell and a cylindrical body surrounded by the roller shell, and wherein the mixture is arranged between the roller shell and the cylindrical body and another

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mixture consisting of a liquid and at least one insoluble co-ingredient in the liquid is arranged within the cylindrical body.

- 19. (Previously Presented) The web-processing roller according to claim 15, wherein the roller is a displacement-type roller and a displacement body forms the cylindrical body.
- 20. (Previously Presented) The web-processing roller according to claim 1, wherein at least one container forming the hollow space is arranged in the roller.
- 21. (Previously Presented) The web-processing roller according to claim 1, wherein at least one thermal treatment channel for conducting a heating or cooling fluid extends through the roller body of the roller and ports at at least one axial end of the roller body (1).
- 22. (Previously Presented) The web-processing roller according to claim 1, wherein at least one thermal treatment channel for conducting a heating or cooling fluid extends through the roller body of the roller and ports at both axial ends of the roller body.

## 23. (Cancelled)

- 24. (Previously Presented) The web-processing roller according to claim 4, wherein a fluid conduit leads into the hollow space and the mixture can be charged with the partial vacuum via the fluid conduit.
- 25. (Previously Presented) The web-processing roller according to claim 9, wherein the chamber wall is guided, such that it can move, by another chamber wall.